

CHARTER

DoD ADVISORY GROUP ON ELECTRON DEVICES

A. Committee Official Designation. The DoD Advisory Group on Electron Devices (AGED).

B. Objective and Scope of Activities. The DoD Advisory Group on Electron Devices provides expert assistance to the Under Secretary of Defense (Acquisition, Technology, and Logistics), the Director, Defense Research and Engineering, the Deputy Under Secretary of Defense (Science and Technology), the Director, Defense Advanced Research Projects Agency, and the Military Departments. This assistance is used by the Military Departments and Agencies to develop the best investment strategy for the DoD electron device program as reflected in the Defense Technology Area Plan. The AGED identifies electronics investment areas of critical importance to all Services, reviews ongoing DoD electronics and electronics-related programs, keeps abreast of advances in all areas of electron device technology and assumes a key role in identifying when major shifts in strategy for the DoD electronics program are needed. It facilitates coordination and synergism among all DoD components and other Government agencies.

The AGED membership includes representatives from DARPA, the Army, Navy, Air Force, NASA, NIST, NSA and DOE laboratories together with experts from industry and academia who serve as special Government employees in executing their AGED related responsibilities. The AGED meetings provide a forum to collectively discuss current electronics programs, system-related electronics needs, and future program plans.

The AGED's Special Technical Area Reviews (STARs) provide an effective mechanism for ensuring the best possible deployment of research and development funding to meet the electronics needs of the US warfighter. The AGED also serves as a resource for the OSD to respond to quick turnaround issues and requirements.

C. Period of Time for Committee to Fulfill Objectives. The AGED is a committee which reviews the electron devices programs proposed by the Military Departments. Hence, it is a continuing activity with no scheduled termination date.

D. Official to Which Committee Reports. The Director, Defense Research and Engineering.

E. Agency Responsible for Providing Support. The Office of the Under Secretary of Defense (Acquisition, Technology and Logistics) with costs shared by Army, Navy, Air Force, and NASA (under an MOU).

F. Specific.

- Conducts special reviews of selected technology areas and makes recommendations about program content and directions.
- Provides accurate, current information on new technology trends which can impact DoD weapon system performance, reliability and cost, and perspective on significant advances or discoveries in new areas and on anticipated barriers which may affect electronic device and component capabilities for use in major equipment and weapons under development or being planned.
- Provides advice on a continuing basis regarding electron device programs for the Department of Defense, with particular attention to fostering programs which will lead to development of devices that meet future equipment and systems needs effectively, reliably and at the lowest possible cost.
- Provides advice on the production, use and supply aspects of critical electronic components for the defense electronic supply base including appropriate consideration of use of Commercial-Off-the-Shelf (COTS) technology and components to meet weapon systems needs.
- Provides a medium for the effective interchange of technical and program information within the Department of Defense, with other agencies of the Federal Government, and with experts from industry and academia who volunteer their time to serve as special Government employees during the execution of their AGED related duties.
- Enhances the overall value of the Technical Area Review and Assessment (TARA) process through early identification of program weaknesses and deficiencies and suggestions for strengthening of programs.
- Serves as a bridge between the DoD electronic system and component developers by establishing regular, periodic interactions with program offices, industry system developers, the Manufacturing Technology Office, and Government and industry component developers to identify and help implement approaches that can best meet DoD system needs
- Undertakes such other appropriate tasks as are assigned by the Office of the Under Secretary of Defense (Acquisition, Technology, and Logistics), such as specialist support for the OSD staff, the Military Departments, and the Defense Advanced Research Projects Agency (DARPA).
- Supports the Reliance Technology Panel for Electronic Devices (TPED) in strategic planning of the tri-Service Electron Device program.

G. Estimated Annual Cost. \$381,599 for administrative and travel costs. Costs are shared by DARPA, the Army, Navy, Air Force and NASA.

H. Estimated Number and Frequency of Meetings. Twenty-two, divided among three working groups and the main group. Each group meets approximately bimonthly.

I. Termination Date. Not applicable, continuing committee.

J. File Date: February 28, 2002